

#### IV. CONCLUSION AND SUGGESTION

##### A. Conclusion

Based on the research results above, it can be concluded that:

1. The identified genus based on the characteristics of bacterial isolates of German cockroaches (*Blattella germanica*) from the hospital area are Staphylococcus, Listeria, Lactobacillus, Enterococcus, and Streptococcus.
2. Bacterial isolates of German cockroaches (*Blattella germanica*) from the hospital area are 100% resistant to Amoxicillin, 14% resistant to Erythromycin, and 5% resistant to Tetracycline.

##### B. Suggestion

Suggestions that can be given from this result:

1. Further research is needed to determine the species of bacterial isolates originating from German cockroaches (*Blattella germanica*) in the hospital area to determine whether the species is included in pathogenic bacteria and species that are resistant to antibiotics, especially isolate GMP 25 G.
2. Detection of antibiotic-resistant bacterial genes is needed to determine the mechanism of resistance obtained from these bacteria.
3. Additional research is needed to prove that the resistance in these bacteria is the result of residual exposure to antibiotics.